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Attorney's Docket No. 5051-418

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/A

In re: Riviere et al.  
Serial No.: 09/027,670  
Filed: 23 February 1998

Group Art Unit: 3736  
Examiner: M. Astorino

For: *METHODS, SYSTEMS AND PRODUCTS FOR DETERMINING DRUG  
WITHDRAWAL INTERVALS*

Date: August 2, 1999

Assistant Commissioner for Patents  
Washington, DC 20231

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AMENDMENT

This is in response to the Official Action mailed March 31, 1999.

Please cancel claims ~~6~~, ~~13~~ and ~~15~~ for the purpose of rewriting in independent form as new claims 51, 52 and 53.

Please amend claim ~~7~~ to depend from new claim 51.

Please amend claim ~~16~~ to depend from new claim 53.

Please amend claim ~~17~~ to depend from new claim 53.

Please cancel claims ~~23~~, ~~29~~ and ~~31~~ for the purpose of rewriting in independent form as new claims 54, 55 and 56.

Please amend claim ~~24~~ to depend from new claim 54.

Please amend claim ~~32~~ to depend from new claim 56.

Please amend claim 33 to depend from new claim 56.

Please add the following new claims:

~~23~~ ~~24~~ 51. A method of estimating a withdrawal interval for an adjusted dose of a compound from a prior withdrawal time for a corresponding prior dose of said compound, corresponding prior half-life data and a tolerance concentration, for a tissue of interest, said method comprising the following steps that are performed in a data processing system:

accepting selection of an adjusted dose for said compound for which a withdrawal interval is to be determined;

extrapolating a withdrawal interval from (a) said prior dose, (b) said prior withdrawal time, (c) said half-life data, and (d) said tolerance concentration;

wherein said half-life data is an empirically determined effective residue half-life;

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